

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) ~~An information display apparatus~~ A telecommunication device, comprising:

a display unit that displays information;

display control means for controlling a display operation of said display unit;

an operating unit that designates a display operation of said display unit, said display control means causing a new line of characters to be started wherever it would otherwise be required to break a word across two lines of a plurality of lines of characters of said information, and displaying the plurality of lines of characters of said information on said display unit in a font having a width that varies according to the type of character displayed, and

said display control means controlling the display operation of said display unit so that a spacing between the characters is constant, and said display control means causing said display unit to automatically form a vertical scrolling display a plurality of times continuously when an amount of information to be displayed exceeds a number of lines displayable on said display unit in one frame, the scrolling display incrementally displaying one or more rows of dots sufficient to display the font; and

means for informing to a user when said information to be displayed exceeds the number of lines displayable on said display unit in one frame, wherein the telecommunication device is wearable on the user.

2. (Currently Amended) ~~The information display apparatus~~ telecommunication device according to claim 1, said display control means causing a new line of characters to be

started whenever it would otherwise be required to break a word across two of said lines of characters.

3. (Currently Amended) ~~An information display apparatus~~ A telecommunication device, comprising:

a display unit that displays information;

display control means for controlling a display operation of said display unit;

an operating unit that designates a display operation of said display unit, said display control means causing said display unit to form a fixed display when an amount of information to be displayed is not greater than a number of lines displayable on said display unit in one frame, and

said display control means causing said display unit to automatically form a vertical scrolling display when an amount of information to be displayed exceeds a number of lines displayable on said display unit in one frame, the operation of automatically forming a scrolling display a plurality of times continuously being provided by virtue of automatic operation of the display control means and operating unit without manual operation of a user, the scrolling display incrementally displaying one or more rows of dots sufficient to display a font; and

means for informing to a user when said information to be displayed exceeds the number of lines displayable on said display unit in one frame, wherein the telecommunication device is wearable on the user.

4. (Canceled)

5. (Currently Amended) ~~The information display apparatus~~ telecommunication device according to claim 3, said display control means changing a scroll speed for forming the scrolling display in accordance with an operation performed on said operating unit.

6. (Currently Amended) ~~The information display apparatus~~ telecommunication device according to claim 5, said display control means changing the scroll speed in accordance with an operation externally performed on said operating unit, the operation providing an instruction to change a predetermined scroll speed determined at the start of the scrolling display.

7. (Currently Amended) ~~The information display apparatus~~ telecommunication device according to claim 5, said display control means presetting the scroll speed determined at the start of the scrolling display by operation of a switch button on said operating unit.

8. (Currently Amended) ~~The information display apparatus~~ telecommunication device according to claim 7, said display control means causing said display unit to form a demonstration display at a currently set scroll speed, the scroll speed being determined at the start of the scrolling display by said operating unit.

9. (Currently Amended) ~~An information display apparatus~~ A telecommunication device comprising:

a display unit that displays information;

display control means for controlling a display operation of said display unit;

and

an operating unit that designates a display operation of said display unit, said display control means causing said display unit to form a fixed display when an amount of information to be displayed on said display unit is not greater than an amount displayable in one frame, and said display control means causing said display unit to automatically form a vertical scrolling display a plurality of times continuously when an amount of information to be displayed exceeds an amount displayable on said display unit in one frame, the operation of automatically forming a scrolling display being provided by virtue of automatic operation of the display control means and operating unit without manual operation of a user, the scrolling

display incrementally displaying one or more rows of dots sufficient to display a font, wherein the telecommunication device is wearable on the user.

10. (Currently Amended) ~~The information display apparatus~~ telecommunication device according to claim 9, said display control means causing said display unit to display information formed of a group of characters vertically or horizontally over a plurality of lines.

11. (Currently Amended) ~~The information display apparatus~~ telecommunication device according to claim 9, said display control means changing a scroll speed for forming the scrolling display in accordance with an operation performed on said operating unit.

12. (Currently Amended) ~~The information display apparatus~~ telecommunication device according to claim 9, said display control means changing the scroll speed in accordance with an operation externally performed on said operating unit, the operation providing an instruction to change a predetermined scroll speed determined at the start of the scrolling display.

13. (Currently Amended) ~~The information display apparatus~~ telecommunication device according to claim 9, said display control means presetting the scroll speed determined at the start of the scrolling display by operation of a switch button on said operating unit.

14. (Currently Amended) ~~The information display apparatus~~ telecommunication device according to claim 13, said display control means causing said display unit to form a demonstration display at a currently set scroll speed, the scroll speed being determined at the start of the scrolling display by said operating unit.

15. (Currently Amended) ~~The information display apparatus~~ telecommunication device according to claim 1, further comprising a communication circuit that receives information, the information received via said communication circuit being displayed on said display unit in response to said display control means.

16. (Currently Amended) ~~The information display apparatus~~ telecommunication device according to claim 9, further comprising a communication circuit that receives information, the information received via said communication circuit being displayed on said display unit in response to said display control means.

17. (Currently Amended) ~~The information display apparatus~~ telecommunication device according to claim 15, further comprising informing means for informing the display control means whether the information received via said communication circuit exceeds a number of lines displayable in one frame of said display unit.

18. (Currently Amended) ~~The information display apparatus~~ telecommunication device according to claim 16, further comprising informing means for informing the display control means whether the information received via said communication circuit exceeds a number of lines displayable in one frame of said display unit.

19. (Currently Amended) ~~The information display apparatus~~ telecommunication device according to claim 15, further comprising an antenna unit for receiving a signal via said communication circuit.

20. (Currently Amended) ~~The information display apparatus~~ telecommunication device according to claim 16, further comprising an antenna unit for receiving a signal via said communication circuit.

21. (Currently Amended) ~~The information display apparatus~~ telecommunication device according to claim 19, said communication circuit receiving an individually selective calling signal or a message via said antenna unit.

22. (Currently Amended) ~~The information display apparatus~~ telecommunication device according to claim 20, said communication circuit receiving an individually selective calling signal or a message via said antenna unit.

23. (Currently Amended) ~~The information display apparatus~~ telecommunication device according to claim 1, said display control means comprising at least one of a processing unit and a storage device.

24. (Currently Amended) ~~The information display apparatus~~ telecommunication device according to claim 23, said processing unit comprising at least one of a switching monitor section and a message determining section.

25. (Currently Amended) ~~The information display apparatus~~ telecommunication device according to claim 23, said storage device storing a plurality of fonts.

26. (Currently Amended) ~~The information display apparatus~~ telecommunication device according to claim 3, said display control means comprising at least one of a processing unit and a storage device.

27. (Currently Amended) ~~The information display apparatus~~ telecommunication device according to claim 26, said processing unit comprising at least one of a switching monitor section and a message determining section.

28. (Currently Amended) ~~The information display apparatus~~ telecommunication device according to claim 26, said storage device storing a plurality of fonts.

29. (Currently Amended) ~~An information display apparatus~~ A telecommunication device, comprising:

a display unit that displays information;

a display control device that controls a display operation of said display unit;

an operating unit that designates a display operation of said display unit, said display control device causing a new line of characters to be started wherever it would otherwise be required to break the word across two lines of a plurality of lines of characters of said information, and displaying the plurality of lines of characters of said information on said

display unit in a font having a width that varies according to the type of character displayed,
and

said display control device controlling the display operation of said display unit so that a spacing between the characters is constant, and said display control means causing said display unit to automatically form a vertical scrolling display a plurality of times continuously when an amount of information to be displayed exceeds a number of lines displayable on said display unit in one frame, the scrolling display incrementally displaying one or more rows of dots sufficient to display the font; and

informing unit that informs a user when said information to be displayed exceeds the number of lines displayable on said display unit in one frame, wherein the telecommunication device is wearable on the user.

30. (Currently Amended) ~~An information display apparatus~~ A telecommunication device, comprising:

a display unit that displays information;

a display control device that controls a display operation of said display unit;

an operating unit that designates a display operation of said display unit, said display control device causing said display unit to form a fixed display when an amount of information to be displayed is not greater than a number of lines displayable in one frame, and

said display control device causing said display unit to automatically form a vertical scrolling display a plurality of times continuously when an amount of information to be displayed exceeds a number of lines displayable on said display unit in one frame, the operation of automatically forming a scrolling display being provided without manual operation of a user, the scrolling display incrementally displaying one or more rows of dots sufficient to display a font; and

informing unit that informs a user when said information to be displayed exceeds the number of lines displayable on said display unit in one frame, wherein the telecommunication device is wearable on the user.

31. (Currently Amended) An information display method for a telecommunication device, comprising:

performing a display operation by displaying information;

controlling the display operation by starting a new line of characters wherever it would otherwise be required to break the word across two lines of a plurality of lines of characters of said information, displaying the plurality of lines of characters of said information in a font having a width that varies according to the type of character displayed, controlling the display operation so that a spacing between the characters is constant, informing a user when said information exceeds the number of lines displayable on a display unit in one frame and controlling the display operation by automatically forming a vertical scrolling display a plurality of times continuously when an amount of information to be displayed exceeds a number of lines displayable on the display unit in one frame, the scrolling display incrementally displaying one or more rows of dots sufficient to display the font; and

designating the display operation, wherein the telecommunication device is wearable on the user.

32. (Currently Amended) An information display method for a telecommunication device, comprising:

performing a display operation by displaying information;

controlling the display operation by forming a fixed display when an amount of information to be displayed is not greater than a number of lines displayable in one frame, informing a user when said information exceeds the number of lines displayable on a display unit in one frame, and automatically forming a vertical scrolling display a plurality of times

continuously when an amount of information to be displayed exceeds a number of lines displayable on said display unit in one frame, the operation of automatically forming a scrolling display being provided without manual operation of a user, the scrolling display incrementally displaying one or more rows of dots sufficient to display a font; and

designating the display operation, wherein the telecommunication device is wearable on the user.

33. (Currently Amended) ~~The information display apparatus~~ telecommunication device according to claim 3, said display control means displaying the plurality of lines of characters of said information on said display unit in a font having a width that varies according to the type of character displayed, and said display control means controlling the display operation of said display unit so that a spacing between the characters is constant.